

**UNITED STATES BANKRUPTCY COURT
NORTHERN DISTRICT OF CALIFORNIA
SAN FRANCISCO DIVISION**

CERTIFICATE OF SERVICE

13 || I, Sonia Akter, do declare and state as follows:

14 1. I am employed by Kroll Restructuring Administration LLC (“**Kroll**”)¹, the claims and
15 noticing agent for the Reorganized Debtors in the above-referenced chapter 11 bankruptcy cases.

16 2. On April 12, 2022, at my direction and under my supervision, employees of Kroll
17 caused the following documents to be served by the method set forth on the Master Service List
18 attached hereto as **Exhibit A** and the Twenty-First Securities Claimants Service List attached hereto
19 as **Exhibit B**:

- Reorganized Debtors' Twenty-First Securities Claims Omnibus Objection (Duplicate Claims) [Docket No. 12149]
- Declaration of Justin R. Hughes in Support of Reorganized Debtors' Twenty-First Securities Claims Omnibus Objection (Duplicate Claims) [Docket No. 12150]
- Notice of Hearing on Reorganized Debtors' Twenty-First Securities Claims Omnibus Objection (Duplicate Claims) [Docket No. 12151]

¹ On March 29, 2022, Prime Clerk LLC change its name to Kroll Restructuring Administration LLC.

1 3. I have reviewed the Notices of Electronic Filing for the above-listed document, and I
2 understand that parties listed in each NEF as having received notice through electronic mail were
3 electronically served with that document through the Court's Electronic Case Filing system.

4 4. I declare under penalty of perjury under the laws of the United States of America, that
5 the foregoing is true and correct and that if called upon as a witness, I could and would competently
6 testify thereto.

7

8 Executed this 15th day of April 2022, at New York, NY.

9 */s/ Sonia Akter*

10 Sonia Akter

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Exhibit A

Exhibit A

Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Exhibit A

Master Service List
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Counsel to Davey Tree Expert Company, Davey Tree Surgery Company, and Davey Resource Group, Inc.	McDermott Will & Emery LLP	Attn: Jeffrey M. Reisner 2049 Century Park East, Suite 3200 Los Angeles CA 90067-3206		First Class Mail
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Counsel for CITY OF SANTA CLARA dba NORTHERN CALIFORNIA POWER AGENCY	NORTHERN CALIFORNIA POWER AGENCY	Attn: Jane Luckhardt 651 Commerce Drive Roseville CA 95678-6411	Jane.Luckhardt@ncpa.com	Email

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Office of the United States Attorney for the Northern District of California	Office of The United States Attorney For The Northern District of California	Attn: Bankruptcy Unit Federal Courthouse 450 Golden Gate Avenue San Francisco CA 94102		First Class Mail
Office of the United States Trustee	Office of The United States Trustee	Attn: James L. Snyder, Esq. & Timothy Lafreddi, Esq., Marta E. Villacorta 450 Golden Gate Ave Suite 05-0153 San Francisco CA 94102	James.L.Snyder@usdoj.gov	Email
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Debra Felder 1152 15th Street, NW Washington DC 20005	dfelder@orrick.com	Email
Counsel to Centerbridge Partners, L.P.	Orrick, Herrington & Sutcliffe LLP	Attn: Douglas S. Mintz Columbia Center 1152 15th Street, N.W. Washington DC 20005-1706		First Class Mail
Counsel for EDP Renewables North America LLC, Rising Tree Wind Farm II LLC, and Arlington Wind Power Project LLC	Orrick, Herrington & Sutcliffe LLP	Attn: Lorraine McGowen 51 West 52nd Street New York NY 10019	lmcgowen@orrick.com	Email
Counsel for The Baupost Group, L.L.C., as the general partner and investment manager for certain entities	Pachulski Stang Ziehl & Jones LLP	Attn: Isaac M. Pachulski, Debra I. Grassgreen, Gabriel I. Glazer, John W. Lucas 150 California Street 15th Floor San Francisco CA 94111	ipachulski@pszjlaw.com	Email

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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to Southwire Company LLC	Parker, Hudson, Rainer & Dobbs, LLP	Attn: Bryan E. Bates, Esq. 303 Peachtree St., NE, Suite 5300 Atlanta GA 30308	bbates@phrd.com	Email
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel to Canyon Capital Advisors LLC	Quinn Emanuel Urquhart & Sullivan, LLP	Attn: Bennett Murphy 865 South Figueroa Street 10th Floor Los Angeles CA 90017-2543	bennettmurphy@quinnmanuel.com	Email
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Counsel for Matthew E. Gerspacher and Abigail N. Gerspacher (Davis)	Reimer Law, PC	Attn: Nicole B. Reimer 313 Walnut Street Ste 120 Chico CA 95973	nbreimer.esq@gmail.com	Email
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Individual Plaintiffs Executive Committee appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Robins Cloud LLP	Attn: Bill Robins, III, Robert Bryson 650 California Street Site 450 Santa Monica CA 90401	robins@robinscloud.com rbryson@robinscloud.com	Email
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DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
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Nuclear Regulatory Commission	U.S. Nuclear Regulatory Commission	Attn: General Counsel Washington DC 20555-0001		First Class Mail
Interested Party	Union Pacific Railroad Company	Attn: Tonya W. Conley, Lila L. Howe 1400 Douglas Street STOP 1580 Omaha NE 68179	bankruptcynotices@up.com	Email
Unsecured Creditor Claim No. 7072	Unsecured Creditor Claim No. 7072	Attn: John Ramirez, Marta Ramirez 38006 Pueblo Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7083	Unsecured Creditor Claim No. 7083	Attn: Aurang Zaib Khan, Halima Zahib 1969 East Cooley Ave. San Bernardino CA 92408		First Class Mail
Unsecured Creditor Claim No. 7167	Unsecured Creditor Claim No. 7167	Attn: Ken Nitao 244 S. Citrus Avenue Alhambra CA 91801		First Class Mail
Unsecured Creditor Claim No. 7168	Unsecured Creditor Claim No. 7168	Attn: Robert Miller, Donna Learmont 37241 Sycamore Street Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7171	Unsecured Creditor Claim No. 7171	Attn: Shirley Holcroft, Sam Cabrera 2610 S Mariposa Rd Apache Jct AZ 85119-9252		First Class Mail
Unsecured Creditor Claim No. 7175	Unsecured Creditor Claim No. 7175	Attn: Andrea Williams, Dan S. Williams 36796 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7176	Unsecured Creditor Claim No. 7176	Attn: Keith Hawes P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7180	Unsecured Creditor Claim No. 7180	Attn: Oscar Urbina 3617 Slauson Ave. Maywood CA 90270		First Class Mail
Unsecured Creditor Claim No. 7183	Unsecured Creditor Claim No. 7183	Attn: Martin Garza, Lynette Brown P.O. Box 344 Hinkley CA 92347		First Class Mail

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Unsecured Creditor Claim No. 7199	Unsecured Creditor Claim No. 7199	Attn: Carolyn Bolin, William Bolin 36310 Lenwood Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7200	Unsecured Creditor Claim No. 7200	Attn: Sandra L. Brown 5432 Macedonia Church Rd Prosperity SC 29127-7389		First Class Mail
Unsecured Creditor Claim No. 7201	Unsecured Creditor Claim No. 7201	Attn: Barbara A. Vinson, Lloyd K. Vinson 3220 Cindy Circle Anderson CA 96007		First Class Mail
Unsecured Creditor Claim No. 7226	Unsecured Creditor Claim No. 7226	Attn: Rosaiba Hernandez 18284 Pacific Street Hesperia CA 92345		First Class Mail
Unsecured Creditor Claim No. 7229	Unsecured Creditor Claim No. 7229	Attn: David Matthiesen, Candace Matthiesen 36709 Hidden River Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Agustin Carrera, Maritza Carrera 886 Gina Ct. Upland CA 91784		First Class Mail
Unsecured Creditor Claim No. 7244	Unsecured Creditor Claim No. 7244	Attn: Aquilla Frederick 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7264	Unsecured Creditor Claim No. 7264	Attn: Darlene Herring Jenkins PO Box 512 Newberry Spgs CA 92365-0512		First Class Mail
Unsecured Creditor Claim No. 7301	Unsecured Creditor Claim No. 7301	Attn: Marina Riebeling, Adolfo Riebeling 4600 Jerry Ave. Baldwin Park CA 91706		First Class Mail
Unsecured Creditor Claim No. 7585	Unsecured Creditor Claim No. 7585	Attn: Clell Courtney, Hennie Courtney 25595 Ash Road Barstow CA 92311		First Class Mail
Unsecured Creditor Claim No. 7591	Unsecured Creditor Claim No. 7591	Attn: Cindy Sue Downing P.O. Box 376 Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 7657	Unsecured Creditor Claim No. 7657	Attn: Joel A. Christison PO Box 2635 Big River CA 92242-2635		First Class Mail
Unsecured Creditor Claim No. 7704	Unsecured Creditor Claim No. 7704	Attn: Nick Panchev 25633 Anderson Avenue Barstow CA 92311		First Class Mail

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Unsecured Creditor Claim No. 8273	Unsecured Creditor Claim No. 8273	Attn: Charles Matthiesen, Matsue Matthiesen 36771 Hidden River Rd. Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Juliana Martinez, Manuel Martinez 36633 Hidden River Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8274	Unsecured Creditor Claim No. 8274	Attn: Norman Halstead 20455 Halstead Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8278	Unsecured Creditor Claim No. 8278	Attn: Kimberly Blowney 36816 Hillview Road Hinkley CA 92347		First Class Mail
Unsecured Creditor Claim No. 8283	Unsecured Creditor Claim No. 8283	Attn: Saray Ordaz, Victor Suarez 1042 E. Sandison St. Apt. 1 Wilmington CA 90744		First Class Mail
Unsecured Creditor Claim No. Pending	Unsecured Creditor Claim No. Pending	Attn: Yvonne Kirkpatrick, Herbert Nethery 23394 Alcidia Rd. Hinkley CA 92347		First Class Mail
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Jina Choi, Regional Director San Francisco Regional Office 44 Montgomery Street, Suite 2800 San Francisco CA 94104	sanfrancisco@sec.gov	Email
US Securities and Exchange Commission	Us Securities And Exchange Commission	Attn: Office of General Counsel 100 F St. NE MS 6041B Washington DC 20549	secbankruptcy@sec.gov	Email
Counsel for Interstate Fire & Casualty Company	Vedder Price Ca LLP	Attn: Scott H. Olson 275 Battery Street, Suite 2464 San Francisco CA 94111		First Class Mail
Counsel to Public Employees Retirement Association of New Mexico	Wagstaffe, Von Loewenfeldt, Busch & Radwick, LLP	Attn: James M. Wagstaffe & Frank Busch 100 Pine Street Suite 725 San Francisco CA 94111	wagstaffe@wvbrlaw.com busch@wvbrlaw.com	Email
Individual Plaintiffs Executive Committee appointed by the California Superior Court in the North Bay Fire Cases, Judicial Council Coordination Proceeding Number 4955, Pursuant to the terms of the Court's Case Management Order No. 1	Walkup Melodia Kelly & Schoenberger	Attn: Michael A. Kelly, Khalidoun A. Baghdadi, Max Schuver 650 California Street 26th Floor San Francisco CA 94108	mkelly@walkuplawoffice.com kbaghdadi@walkuplawoffice.com mschuver@walkuplawoffice.com	Email

Exhibit A

Master Service List
Served as set forth below

DESCRIPTION	NAME	ADDRESS	EMAIL	METHOD OF SERVICE
Counsel for Aera Energy LLC, Midway Sunset Congeneration Company	Walter Wilhelm Law Group A Professional Corporation	Attn: Michael L. Wilhelm 205 E. River Park Circle Suite 410 Fresno CA 93720	Mwilhelm@W2LG.com	Email
Counsel for Engineers and Scientists of California, Local 20, IFPTE, Counsel for SEIU United Service Workers - West	Weinberg Roger & Rosenfeld	Attn: Emily P. Rich 1001 Marina Village Parkway Suite 200 Alameda CA 94501-1091	cgray@unioncounsel.net	Email
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: J.Christopher Shore 1221 Avenue of the Americas New York NY 10020-1095	cshore@whitecase.com	Email
Counsel for Sempra Energy, San Diego Gas & Electric Company, and Southern California Gas Company	White & Case LLP	Attn: Thomas E Lauria, Matthew C. Brown Southeast Financial Center 200 South Biscayne Boulevard, Suite 4900 Miami FL 33131-2352	tlauria@whitecase.com mbrown@whitecase.com	Email
Counsel for Ballard Marine Construction, Inc.	Williams Kastner	Attn: Todd W. Blischke 601 Union Street Suite 4100 Seattle WA 98101-2380		First Class Mail
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Alexander L. Cheney One Front Street San Francisco CA 94111	acheney@willkie.com	Email
Counsel to Subrogation Trust Advisory Board	Willkie Farr & Gallagher LLP	Attn: Benjamin P. McCallen, Daniel Forman, Charles D. Cording 787 Seventh Avenue New York NY 10019	bmccallen@willkie.com dforman@willkie.com ccording@willkie.com	Email
Counsel for Macquarie Energy LLC	Winston & Strawn LLP	Attn: Michael A. Yuffee 1901 L Street NW Washington DC 20036		First Class Mail
Counsel to Subrogation Wildfire Trust	Young Conaway Stargatt & Taylor, LLP	Attn: Edwin J. Harron, Sara Beth A.R. Kohut Rodney Square, 1000 North King Street Wilmington DE 19801	eharron@ycst.com skohut@ycst.com	Email
Counsel to Santiago Gatto and Anastasia Tkal	Young Ward & Lothert, A Professional Law Corporation	Attn: Scott Ward, Esq. 995 Morning Star Dr., Suite C Sonora CA 95370-5192	info@youngwardlothert.com	Email

Exhibit B

Exhibit B

Twenty-First Securities Caimants Service List
Served as set forth below

Exhibit B
 Twenty-First Securities Caimants Service List
 Served as set forth below

MMLID	NAME	ADDRESS 1	ADDRESS 2	ADDRESS 3	ADDRESS 4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7917996	Kapitalforeningen PenSam Invest PSI 21 Nordamerikanske Aktier	Kapitalforeningen PenSam Invest	Otto Mønstedts Plads 9	1563 Copenhagen V					Denmark	npa.rr@nykredit.dk	First Class Mail and Email
7897626	Lovgren, Keith	8420 N Sixth St			Fresno	CA	93720			klovgren1119@gmail.com	First Class Mail and Email
7968973	Phelps, Randy	317 N. Palo Cedro Dr			Diamond Bar	CA	91765			randybphelps@gmail.com	First Class Mail and Email
7913608	Principal Funds, Inc. - Global Diversified Income Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorenson.sally@principal.com	Email
7915210	Principal Funds, Inc. - Global Diversified Income Fund	c/o Principal Global Investors, LLC	711 High Street			Des Moines	IA	50392-0800		epp.deb@principal.com; sorenson.sally@principal.com	First Class Mail and Email
7916645	Russell 1000 Value Index Trust Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		class_actions@vanguard.com	First Class Mail and Email
7916645	Russell 1000 Value Index Trust Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482			First Class Mail
7921539	The Hartford Global All-Asset Fund	Class Action Claims Management	Attn: Mike Egan	11121 Carmel Commons Blvd	Suite 370	Charlotte	NC	28226-4561		info@securitiesclaims.com; mike.egan@securitiesclaims.com	First Class Mail and Email
7921391	The Hartford Strategic Income Fund	Class Action Claims Management	Attn: Mike Egan	11121 Carmel Commons Blvd	Suite 370	Charlotte	NC	28226-4561		info@securitiesclaims.com; mike.egan@securitiesclaims.com	First Class Mail and Email
7921403	The Hartford Total Return Bond Fund	Class Action Claims Management	Attn: Mike Egan	11121 Carmel Commons Blvd, Suite 370		Charlotte	NC	28226-4561		info@securitiesclaims.com	First Class Mail and Email
7918143	The State of Oregon by and through the Oregon Investment Council on behalf of the Oregon Public Empl	Morgan, Lewis & Bockius LLP	Attn: Jennifer Feldsher & Shannon Wolf	101 Park Avenue		New York	NY	10178			First Class Mail
7918143	The State of Oregon by and through the Oregon Investment Council on behalf of the Oregon Public Empl	Oregon State Treasury	c/o Michael Viteri	16290 SW Upper Boones Ferry Road		Tigard	OR	97224		legal@ost.state.or.us	First Class Mail and Email
8009066	Thomas, Albert L.	2979 Uinta St Apt 201				Denver	CO	80238		beackalo@att.net	First Class Mail and Email
8009099	Thomas, Albert L.	2979 Uinta St. Apt 201				Denver	CO	80235		beackalf@att.net	First Class Mail and Email
7920861	Vanguard Annuity Equity Index Fund	Attn: Andrew Odorisio M35	Post Office Box 1102			Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7920861	Vanguard Annuity Equity Index Fund	Attn: Corporate Actions A-29	Post Office Box 1102			Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922768	Vanguard CA Intermediate Term Tax Exempt Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922768	Vanguard CA Intermediate Term Tax Exempt Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7921449	Vanguard CA Long Term Tax Exempt Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		class_actions@vanguard.com	First Class Mail and Email
7921449	Vanguard CA Long Term Tax Exempt Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7921611	Vanguard CA Tax Exempt Money Market	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		class_actions@vanguard.com	First Class Mail and Email
7921611	Vanguard CA Tax Exempt Money Market	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482			First Class Mail
7922837	Vanguard Capital Value Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922837	Vanguard Capital Value Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922916	Vanguard Equity Income	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922916	Vanguard Equity Income	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482			First Class Mail
7922871	Vanguard Equity Income Annuity Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922871	Vanguard Equity Income Annuity Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482			First Class Mail
7921242	Vanguard Growth and Income Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	Email
7921242	Vanguard Growth and Income Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	Email
7921180	Vanguard Growth and Income Fund	The Vanguard Group	Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482			First Class Mail
7921180	Vanguard Growth and Income Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	Email
7921180	Vanguard Growth and Income Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email
7922283	Vanguard Index 500 Fund	The Vanguard Group	Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482		Class_Actions@vanguard.com	First Class Mail and Email

Exhibit B

Twenty-First Securities Caimants Service List
Served as set forth below

MMLID	NAME	ADDRESS 1	ADDRESS 2	ADDRESS 3	ADDRESS 4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7922283	Vanguard Index 500 Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923096	Vanguard Instit. Total Stock Market Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923096	Vanguard Instit. Total Stock Market Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923041	Vanguard Institutional Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923041	Vanguard Institutional Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922067	Vanguard Institutional Short-Term Bond Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	class.actions@vanguard.com	First Class Mail and Email
7922067	Vanguard Institutional Short-Term Bond Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923144	Vanguard Large Cap Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923144	Vanguard Large Cap Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923206	Vanguard Limited Term Tax Exempt Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923206	Vanguard Limited Term Tax Exempt Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922572	Vanguard Mega Cap Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922572	Vanguard Mega Cap Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922552	Vanguard Mega Cap Value Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922552	Vanguard Mega Cap Value Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922644	Vanguard Municipal Cash Management Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922644	Vanguard Municipal Cash Management Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922692	Vanguard Precious Metals & Mining Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922692	Vanguard Precious Metals & Mining Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923669	Vanguard Russell 1000 Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923669	Vanguard Russell 1000 Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	PO Box 1102		Valley Forge	PA	19482		First Class Mail
7922662	Vanguard Russell 1000 Value Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922662	Vanguard Russell 1000 Value Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7921145	Vanguard Russell 3000 Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7921145	Vanguard Russell 3000 Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7922736	Vanguard Selected Value Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7922736	Vanguard Selected Value Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923301	Vanguard Short Term Bond Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923301	Vanguard Short Term Bond Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7920165	Vanguard Short-Term Corporate Bond Index Fund		Attn: Corporate Actions A-29	Post Office Box 1102			Valley Forge	PA	19482		First Class Mail
7920165	Vanguard Short-Term Corporate Bond Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923506	Vanguard Tax Managed Capital Appreciation Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923506	Vanguard Tax Managed Capital Appreciation Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923478	Vanguard Tax-Managed Balanced-Equity	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	class.actions@vanguard.com	First Class Mail and Email
7923478	Vanguard Tax-Managed Balanced-Equity	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7920969	Vanguard Total Stock Market Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.actions@vanguard.com	First Class Mail and Email

Exhibit B
 Twenty-First Securities Caimants Service List
 Served as set forth below

MMLID	NAME	ADDRESS 1	ADDRESS 2	ADDRESS 3	ADDRESS 4	CITY	STATE	POSTAL CODE	COUNTRY	EMAIL	METHOD OF SERVICE
7920969	Vanguard Total Stock Market Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923387	Vanguard Total World Stock Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923387	Vanguard Total World Stock Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923357	Vanguard U.S. Value Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923357	Vanguard U.S. Value Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923374	Vanguard Ultra-Short-Term Bond Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923374	Vanguard Ultra-Short-Term Bond Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923264	Vanguard US Value Factor ETF	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923264	Vanguard US Value Factor ETF	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923349	Vanguard Utilities Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923349	Vanguard Utilities Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7923293	Vanguard Value Index Fund	The Vanguard Group		Attn: Andrew Odorisio M35	Post Office Box 1102		Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7923293	Vanguard Value Index Fund	The Vanguard Group		Attn: Corporate Actions A-29	Post Office Box 1102		Valley Forge	PA	19482		First Class Mail
7920674	Vanguard Windsor Fund		Attn: Andrew Odorisio M35	Post Office Box 1102			Valley Forge	PA	19482	Class.Actions@vanguard.com	Email
7920674	Vanguard Windsor Fund		Attn: Andrew Odorisio M35	Post Office Box 1102			Valley Forge	PA	19482	Class.Actions@vanguard.com	First Class Mail and Email
7920674	Vanguard Windsor Fund		Attn: Corporate Actions A-29	Post Office Box 1102			Valley Forge	PA	19482		First Class Mail
7969763	WILLIAM MCGOVERN IRA CHARLES SCHWAB CUST	4953 KIT CARSON DR				BROOMFIELD	CO	80023		KAREN SINGS@ME.COM	First Class Mail and Email
7969763	WILLIAM MCGOVERN IRA CHARLES SCHWAB CUST	CHARLES SCHWAB	2423 E LINCOLN DR			PHOENIX	AZ	85016			First Class Mail
7969763	WILLIAM MCGOVERN IRA CHARLES SCHWAB CUST	Diana Harrison	15350 SW SEQUOIA PARKWAY 150			Portland	OR	97224		DIANA@DLJHCPA.COM	First Class Mail and Email
7969763	WILLIAM MCGOVERN IRA CHARLES SCHWAB CUST	DIANA LI HARRISON	CPA	15350 SW SEQUOIA PKWY 150		PORTLAND	OR	97224		diana@dljhcpa.com	First Class Mail and Email
7911758	WRIGHT, JOHN T	1911 N PEBBLE BEACH BLVD				SUN CITY CTR	FL	33573			First Class Mail